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# United States Department of Agriculture

## SERVICE AND REGULATORY ANNOUNCEMENTS

### BUREAU OF ANIMAL INDUSTRY

MARCH, 1925

[This publication is issued monthly for the dissemination of information, instructions, ruling, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

### CONTENTS

	Page
Changes in directory.....	25
Notices regarding meat inspection.....	27
The souring of hams.....	27
Meat imported for use of consignee.....	27
Trimmings and organs frozen in blocks.....	27
The use of M. I. Form 161.....	27
Animals slaughtered under Federal meat inspection, February, 1925.....	28
Causes for condemnation of carcasses, January, 1925.....	28
Imports of food animals and meat products.....	28
Summary of tuberculosis-eradication work in cooperation with States, February, 1925.....	29
Permitted disinfectants.....	30
Discontinuance of inspection at public stockyards.....	30
Licenses for veterinary biological products.....	30
Anti-hog-cholera serum and hog-cholera virus produced under veterinary license, February, 1925.....	30
Results of prosecutions for violations of laws.....	30
New publications of the bureau.....	31
Organization of the Bureau of Animal Industry.....	32

### CHANGES IN DIRECTORY

#### Meat Inspection Granted

- \*105. California Dressed Beef Co., 3860 Santa Fe Avenue, Los Angeles, Calif.
- 230. Hedlund & Co., 21st Avenue, South, and Holgate Street, Seattle, Wash.
- \*492. Associated Meat Co. of California, 2691½ East Vernon Avenue, Los Angeles, Calif.

#### Meat Inspection Withdrawn

- \*136. Philip Katz Corporation, Brockton, Mass.
- 674. Phillip Cullman, New York, N. Y.

#### Meat Inspection Extended

- 564. Illinois Meat Co., to include the Smithfield Packing Co.
- \*64—A. Independent Packing Co. (Inc.), 4033 South Halsted Street, Chicago, Ill., to include The Independent Packing Co., Klinck Packing Co., Parker-Webb & Co., F. Schenk & Sons Co., Western Packing & Provision Co., Wolff Packing Co.
- 2—P. Armour & Co., 1325 West 45th Street, Chattanooga, Tenn., to include Lookout Oil & Refining Co., Morris & Co.

\* Conducts slaughtering.



## Change in Name of Official Establishment

\*821. Joseph L. Aron (Inc.), 300 Johnson Avenue, Brooklyn, N. Y., instead of Strauss & Schick.

## Change in Address of Official Establishment

\*962. Pitman-Moore Co., near Zionsville, Ind.; mail, 1220 Madison Avenue, Indianapolis, Ind., instead of 111-117 North Capitol Avenue.

The address of Dr. Philip F. R. Meyer, Vicksburg, Miss., should be "P. O. Box 545; office, Vicksburg Dressed Beef Co., 1422 Washington Street."

The address of Harry Kay, New London, Conn., should be "Room 3, Custom-house Building" instead of Submarine Base.

## Substation Discontinued

Brockton, Mass., formerly a substation of Boston, Mass.

## Add to List of Officials in Charge

Dr. H. B. Raffensperger, in charge of zoological laboratory, 1749 West Pershing Road, Chicago, Ill.

Dr. A. H. Francis, acting in charge of hog cholera and tuberculosis eradication, 332 Federal Building, Lincoln, Nebr.

## Remove from List of Officials in Charge

Dr. C. H. Hays, Lincoln, Nebr.

## Corrections in New Directory

Pages 2 and 59. Add "Union Stock Yards" to address of Dr. W. N. Neil, Chicago, Ill.

Page 3. Add "Dover, Del. Educational and regulatory hog-cholera work. Dr. Morris Zurkow, P. O. box 259 (office, State House)."

Page 4. Under Hartford, Conn., strike out "Hartford, Wis. Meat inspection. (See Milwaukee, Wis.)."

Page 5. Under Kansas City, Kans., meat inspection, strike out "Rosedale, Kans."

Page 6. Add "Portsmouth, Va.," as a meat-inspection substation of Norfolk, Va.

Page 7. Strike out "Yakima, Wash.," as a meat-inspection substation of Portland, Oreg.

Page 9. Add "Clinton, Ind.," as a meat-inspection substation of Terre Haute, Ind.

Page 19. The name of Establishment 139 should be "Abraham Plaut" instead of "Plant." Add "Third and Choctaw Streets" to address of Establishment 152, Leavenworth Packing & Storage Co.

Page 23. The name of Establishment 380 should be "Hughes-Curry Packing Co." instead of "Hughes-Curry Co." Make same correction on page 31, under "Anderson, Ind."

Under Establishment 376, strike out "office, 216 Commercial Building." Make same correction on page 31.

Page 26. Add "587. Ryser Sausage Co., 1727-1729 Third Avenue, Moline, Ill."

Add: "\*584. Jacob Ulmer Packing Co., Walnut and Railroad Streets, Pottsville, Pa."

Page 27. Add "\*688. Lester Pancero, Rachel Street and Henshaw Avenue, Cincinnati, Ohio." Add same entry on page 37.

Page 28. Insert "2700 West 27th Street" as address of Establishment \*807, The C. F. Sabine Market, and add "The Rockefeller Co." as a subsidiary.

Page 37. The address of Establishment 739 should be 2831 Colerain Avenue, Cincinnati, Ohio, instead of 3831.

Page 41. Lebanon, Pa. Add "669. John S. Weaver."

Page 42. Leesburg, Va. Remove "669. John S. Weaver." Disregard item in February Service Announcements about this page.

\*Conducts slaughtering.



Page 45. Under Ogden, Utah, add "Ogden Packing & Provision Co." as a subsidiary of Establishment 591; strike out "Armour & Co."

Page 58. The address of J. M. Harris, Norfolk, Va., should read "P. O. box 465" instead of 405.

#### **Note**

Since Brighton is within the corporate limits of the City of Boston it should no longer appear in the directory as a substation of Boston, Mass. However, the use of the word "Brighton" in addressing establishments in that section of Boston should be continued.

### **NOTICES REGARDING MEAT INSPECTION**

#### **THE SOURING OF HAMS**

Referring to the notice under this caption in Service and Regulatory Announcements for December, 1924, further investigations by Mr. Boyer have shown that bacteria of the type present in the chilled carcass are present in the carcass before scalding. Mr. Boyer's findings have been confirmed independently by work done in the laboratories of the University of Chicago by A. F. Reith, holder of the Arthur Lowenstein Research Fellowship. Carcasses free from bacteria of the type known to be associated with ham souring can not, therefore, be secured by elimination of the scalding vat. The only measures which can be recommended for the prevention of ham souring, in light of present knowledge, are the known and tried methods of thorough and efficient chilling, prompt handling, and attention to cleanliness and sanitation.

#### **MEAT IMPORTED FOR USE OF CONSIGNEE**

All meat and meat food products imported under section 11, Regulation 27 of B. A. I. Order 211 (revised), should be reported on M. I. Form 109-J with the notation that the product is for the personal use of the consignee.

#### **TRIMMINGS AND ORGANS FROZEN IN BLOCKS**

Referring to Service and Regulatory Announcements of May, 1924, trimmings, edible organs, etc., frozen in blocks may be shipped unwrapped under seal in the same car with other products provided all products in the car are frozen solid at the time of shipment and not less than 25 per cent of the contents are unmarked, as provided in section 6, Regulation 25.

#### **THE USE OF M. I. FORM 161**

The prompt reporting of samples by the laboratories will be aided by avoiding the common practice of listing samples of different kinds or classes on the same M. I. Form 161. According to M. I. Form 161-B, samples are classified as follows:

Meats and meat products.  
Edible fats and oils.  
Inedible greases.  
Cereals, spices, and condiments.  
Curing materials.  
Gelatin.

Ink ingredients.  
Colors.  
Denaturing oils.  
Water.  
Miscellaneous.

The use of two or more M. I. Forms 161, when samples belonging to two or more of the above-mentioned classes are collected at the same establishment at the same time, will facilitate the keeping of laboratory records and the reporting of the findings.

## ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, FEBRUARY, 1925

Station	Cattle	Calves	Sheep	Goats	Swine
Baltimore.....	5, 670	1, 229	1, 662	2	74, 704
Brooklyn.....	4, 493	7, 144	25, 427	-----	-----
Buffalo.....	6, 115	3, 321	5, 522	-----	77, 313
Chicago.....	141, 223	60, 125	196, 950	7	679, 768
Cincinnati.....	9, 840	7, 088	1, 942	20	68, 801
Cleveland.....	7, 815	6, 847	7, 271	-----	66, 906
Detroit.....	5, 645	6, 781	8, 501	13	71, 191
Fort Worth.....	30, 495	20, 081	6, 519	33	41, 162
Indianapolis.....	11, 690	2, 915	1, 362	1	116, 390
Jersey City.....	5, 471	7, 762	20, 996	-----	68, 055
Kansas City.....	75, 778	26, 011	80, 894	15	305, 241
Milwaukee.....	9, 885	41, 227	2, 345	-----	93, 480
National Stock Yards.....	23, 999	6, 863	14, 616	40	136, 358
New York.....	30, 536	42, 015	109, 430	237	92, 598
Omaha.....	62, 510	7, 726	128, 719	20	317, 153
Philadelphia.....	6, 633	6, 825	11, 651	-----	84, 511
St. Louis.....	10, 850	2, 324	3, 542	-----	146, 377
Sioux City.....	30, 969	3, 475	39, 921	-----	253, 842
South St. Joseph.....	27, 398	7, 518	78, 851	3	158, 478
South St. Paul.....	31, 405	48, 272	16, 142	-----	304, 647
All other establishments.....	118, 007	62, 521	98, 146	318	1, 289, 961
Total: February, 1925.....	656, 427	378, 070	854, 409	709	4, 446, 936
February, 1924.....	669, 051	345, 593	911, 988	840	5, 006, 290
8 months ended February, 1925.....	6, 825, 912	3, 268, 850	8, 177, 809	22, 507	35, 205, 923
8 months ended February, 1924.....	6, 391, 393	2, 947, 697	7, 842, 163	20, 649	37, 241, 124

Horses slaughtered at all establishments, February, 1925, 929. Inspections of lard at all establishments 154,594,572 pounds; compound and other substitutes, 33,118,037 pounds. Corresponding inspections for February, 1924: Lard, 198,670,170 pounds; compound and other substitutes, 27,435,469 pounds. (These totals do not represent actual production, as the same lard or compound may have been inspected and recorded more than once in the process of manufacture.)

## CAUSES FOR CONDEMNATION OF CARCASSES, JANUARY, 1925

Cause	Cattle	Calves	Sheep	Swine
Emaciation.....	578	239	181	136
Hog cholera.....	-----	-----	-----	2, 302
Inflammatory diseases.....	770	165	448	3, 641
Immaturity.....	-----	401	-----	-----
Tuberculosis.....	5, 798	50	-----	7, 933
All other causes.....	1, 392	236	463	5, 740
Total.....	8, 538	1, 091	1, 092	19, 752

## IMPORTS OF FOOD ANIMALS AND MEAT PRODUCTS

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during February, 1925, with figures for other periods for comparison.

### *Imports of food animals*

Country of export	Cattle	Swine	Sheep	Goats
Mexico.....	4, 555	-----	-----	-----
Canada.....	3, 797	9, 132	2, 161	7
Great Britain.....	70	-----	-----	-----
Total: February, 1925.....	8, 422	9, 132	2, 161	7
February, 1924.....	6, 423	13	1, 055	1, 604
8 months ended February, 1925.....	140, 149	45, 908	71, 597	2, 796
8 months ended February, 1924.....	137, 944	836	37, 847	2, 107

*Imports of meat and meat food products*

Country of export	Fresh and refrigerated		Canned and cured	Other products	Total weight
	Beef	Other			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Argentina.....	11, 573		447, 242	108, 178	566, 993
Australia.....			36, 038		36, 038
Canada.....	106, 339	365, 634	112, 506	44, 655	629, 134
Uruguay.....	38, 175		146, 231		184, 406
Other countries.....		5, 344	30, 217	49, 097	84, 658
Total: February, 1925.....	156, 087	370, 978	772, 234	201, 930	1, 501, 229
February, 1924.....	575, 754	163, 726	173, 359	138, 359	1, 051, 198
8 months ended February, 1925.....	3, 991, 066	7, 093, 670	7, 113, 395	2, 007, 320	20, 205, 451
8 months ended February, 1924.....	11, 827, 612	3, 163, 606	6, 219, 759	762, 377	21, 973, 354

Condemned in February, 1925: Pork, 2,644 pounds.

Refused entry: Beef, 330 pounds; pork, 1,334 pounds; total, 1,664 pounds.

### SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, FEBRUARY, 1925

State	Tuberculin tests during month			Once-tested free herds	Accredited herds	Herds under supervision	Inspector in charge	State official
	Herds or lots	Cattle tested	Cattle re-tested					
Ala.....	34	1, 766	2	1, 709	171	2, 277	R. E. Jackson.....	C. A. Gary, Auburn.
Ariz.....	131	3, 130	156	2, 915	18	3, 743	F. L. Schneider.....	S. E. Douglas, Phoenix.
Ark.....	95	292	3	2, 544	45	2, 714	L. E. Lyons.....	J. H. Bux, Little Rock.
Calif.....	36	2, 208	72	2, 046	72	2, 212	R. Snyder.....	J. P. Iverson, Sacramento.
Colo.....	5	121	1	1, 104	49	1, 316	W. E. Howe.....	C. G. Lamb, Denver.
Conn.....	64	1, 074	34	411	603	1, 764	R. L. Smith.....	J. M. Whittlesey, Hartford.
Del.....	127	1, 122	107	1, 668	873	3, 152	W. G. Middleton.....	O. A. Newton, Bridgeville.
D. C.....	2	16	0	253	26	286	J. A. Kiernan.....	
Fla.....	81	1, 462	41	5, 590	349	6, 396	J. G. Fish.....	J. V. Knapp, Tallahassee.
Ga.....	226	2, 503	18	4, 624	48	5, 335	A. L. Hirdeman.....	P. F. Bahnsen, Atlanta.
Idaho.....	921	10, 784	97	17, 289	93	20, 324	W. A. Sullivan.....	W. R. Smith, Boise.
Ill.....	4, 285	42, 055	1, 955	54, 940	968	67, 197	J. J. Lintner.....	F. A. Laird, Springfield.
Ind.....	2, 209	19, 612	363	32, 955	9, 972	43, 734	J. E. Gibson.....	R. C. Julien, Indianapolis.
Iowa.....	7, 345	121, 736	4, 143	44, 707	5, 083	68, 410	J. A. Barger.....	M. G. Thornburg, Des Moines.
Kans.....	1, 132	10, 413	95	11, 659	920	13, 140	N. L. Townsend.....	J. H. Mercer, Topeka.
Ky.....	1, 038	6, 252	76	32, 456	281	37, 896	W. F. Biles.....	W. H. Simmons, Frankfort.
La.....	242	4, 497	37	1, 651	40	2, 762	A. F. Staub.....	E. P. Flower, Baton Rouge.
Me.....	278	2, 717	88	14, 080	1, 988	17, 638	J. B. Reidy.....	H. M. Tucker, Augusta.
Md.....	1, 250	10, 510	1, 449	2, 900	1, 477	7, 981	T. A. Ladson.....	James B. George, Baltimore.
Mass.....	54	1, 355	259	647	224	1, 480	E. A. Crossman.....	L. H. Howard, Boston.
Mich.....	2, 947	25, 851	269	55, 229	215	66, 871	T. S. Rich.....	H. W. Norton, jr., Lansing.
Minn.....	786	20, 773	305	14, 740	4, 904	24, 260	W. J. Fretz.....	C. E. Cotton, St. Paul.
Miss.....	18	796	2	1, 512	100	1, 640	H. L. Fry.....	P. P. Garner, Jackson.
Mo.....	502	6, 320	70	51, 855	808	55, 035	Ralph Graham.....	H. A. Wilson, Jefferson City.
Mont.....	476	11, 176	71	18, 873	152	19, 742	J. W. Murdoch.....	W. J. Butler, Helena.
Nebr.....	1, 333	19, 048	210	15, 960	143	16, 812	A. H. Francis.....	C. H. Hays, Lincoln.
Nev.....	25	1, 279	12	2, 043	8	2, 530	L. C. Butterfield.....	Edward Records, Reno.
N. H.....	142	1, 994	32	1, 815	1, 095	3, 477	E. A. Crossman.....	A. L. Felker, Concord.
N. J.....	219	4, 212	137	1, 093	423	1, 943	W. G. Middleton.....	J. H. McNeil, Trenton.
N. Mex.....	121	1, 780	1	2, 394	11	2, 617	F. L. Schneider.....	Mat. Keenan, Albuquerque.
N. Y.....	1, 730	26, 003	1, 872	21, 169	11, 337	42, 380	H. B. Leonard.....	H. J. Henry, Albany.
N. C.....	4, 812	12, 479	56	138, 149	117	151, 865	W. C. Dendinger.....	Wm. Moore, Raleigh.
N. Dak.....	1, 407	28, 138	392	16, 448	2, 717	21, 934	H. H. Cohenour.....	W. F. Crewe, Bismarck.
Ohio.....	2, 089	16, 413	688	35, 879	1, 412	40, 583	A. J. De Fosset.....	F. A. Zimmer, Columbus.
Okl.....	40	1, 243	10	102	514	645	H. Grafte.....	J. A. Whitehurst, Oklahoma City.
Oreg.....	905	9, 361	95	31, 148	704	46, 804	S. B. Foster.....	W. H. Lytle, Salem.
Pa.....	573	9, 252	378	21, 502	3, 313	27, 267	P. E. Quinn.....	T. E. Munce, Harrisburg.
R. I.....	16	376	68	21	34	63	E. A. Crossman.....	T. E. Robinson, Providence.
S. C.....	108	1, 033	11	796	183	5, 258	W. K. Lewis.....	W. K. Lewis, Columbia.
S. Dak.....	102	3, 250	129	619	396	1, 200	J. O. Wilson.....	A. E. Beaumont, Pierre.
Tenn.....	179	3, 671	15	170	419	12, 764	J. P. O'Connor.....	W. B. Lincoln, Nashville.
Tex.....	63	4, 832	18	693	266	1, 122	L. J. Allen.....	L. G. Cloud, Fort Worth.
Utah.....	835	4, 715	50	9, 654	78	10, 701	F. E. Murray.....	A. J. Webb, Salt Lake City.
Vt.....	325	7, 471	150	1, 978	2, 920	7, 210	L. P. Adams.....	Edward H. Jones, Montpelier.
Va.....	363	3, 920	177	5, 858	1, 320	7, 554	R. E. Brookbank.....	J. G. Ferneyhough, Richmond.
Wash.....	923	11, 568	169	28, 480	119	30, 474	J. C. Exline.....	L. C. Pelton, Olympia.
W. Va.....	298	3, 528	69	5, 198	562	6, 088	George W. Neff.....	J. H. Stewart, Charleston.
Wis.....	2, 269	43, 488	681	40, 558	6, 230	51, 827	J. S. Healy.....	John D. Jones, jr., Madison.
Wyo.....	189	1, 178	13	5, 840	9	6, 059	John T. Dallas.....	A. W. French, Cheyenne.
Total.....	43, 350	529, 370	15, 146	765, 425	63, 809	976, 482		



## PERMITTED DISINFECTANTS

In accordance with the provisions of B. A. I. Order 273 (revised), governing the interstate movement of livestock, the bureau has granted permission for the use of the following-named cresol solutions in the general disinfection of cars, yards, and other premises:

"U. D. Solution Cresol Compound," manufactured by United Drug Co., 43 Leon Street, Boston, Mass. This is the same as "U. D. Cresolis Compound," previously permitted, the name having been changed by the manufacturer with the approval of the bureau.

"Red Seal Liquor Cresolis Compound," manufactured by Shores-Mueller Co., Cedar Rapids, Iowa.

The bureau has also granted permission to the 20th Century Manufacturing Co., Cedar Rapids, Iowa, for the distribution and use of "San-I-Sol" under the name of "20th Century Disinfectant." "20th Century Disinfectant" is identical with "San-I-Sol," manufactured by McLaughlin Gormley King Co., Minneapolis, Minn.

## DISCONTINUANCE OF INSPECTION AT PUBLIC STOCKYARDS

Public stockyards inspection at the Newark Union Stock Yards, Newark, N. J., is discontinued, effective March 31, 1925.

## LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS

### License Issued

United States veterinary license No. 124 A, dated March 26, 1925, was issued to the Anchor Serum Co., 447 East Las Vegas Street, Colorado Springs, Colo., for the manufacture of the following-named products: Abortion vaccine (bovine); blackleg aggressin; blackleg filtrate; hemorrhagic-septicemia aggressin; hemorrhagicsepticemia bacterin; mixed abortion bacterin (bovine); mixed bacterin (avian); mixed bacterin (porcine).

### License Terminated

United States veterinary license No. 2, issued January 1, 1921, to The Eagle Co., Kansas City, Kans., was terminated March 25, 1925, without prejudice.

## ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER VETERINARY LICENSE, FEBRUARY, 1925

	C. c.
Ordinary serum.....	14, 670, 621
Clear serum.....	2, 728, 036
Total serum.....	17, 398, 657
Simultaneous virus.....	1, 195, 318
Hyperimmunizing virus.....	3, 844, 758

## RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

### Livestock Quarantine Law

International & Great Northern Railway Co. (2 cases), failure to mark way-bills "Southern cattle," \$200 fines.

Elmer E. Kinser, Promise City, Iowa, interstate shipment of diseased sheep, \$50 fine.

Missouri Pacific Railroad Co., failure to placard cars "Southern cattle," \$100 fine.

Pennsylvania Railroad Co., same offense, \$100 fine.

St. Louis-San Francisco Railway Co., same offense, \$125 fine.

#### Twenty-Eight-Hour Law

Fort Worth & Denver City Railway Co. (4 cases), \$400 fines.

Gulf, Colorado & Santa Fe Railway Co. (2 cases), \$200 fines.

Louisville & Nashville Railroad Co., \$100 fine.

Northern Pacific Railway Co., \$100 fine.

Pennsylvania Railroad Co. (2 cases), \$200 fines.

Texas & Pacific Railway Co., \$100 fine.

#### Meat-Inspection Law

Henry Klein, Stamford, Conn., offering uninspected meat for interstate shipment, \$150 fine.

### NEW PUBLICATIONS OF THE BUREAU

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to officers in charge for distribution to members of their forces. The number of copies sent varies with the subject or nature of the publication and the number and class of employees. Officers in charge will use their judgment and distribute publications to best advantage. So far as possible additional copies will be furnished on request.]

Farmers' Bulletin 1068 (revised). Judging Beef Cattle. By E. H. Thompson, Animal Husbandry Division. Pp. 14, figs. 9.

Farmers' Bulletin 1437. Swine Production. By E. Z. Russell, Animal Husbandry Division. Pp. 30, figs. 18.

Miscellaneous Circular 33. Some Tested Methods for Livestock Improvement. By D. S. Burch, Editor, Bureau of Animal Industry. Pp. 20, figs. 7.

Observations on the Mechanism of the Reaction Between Formaldehyde and Serum Proteins. By R. R. Henley, Biochemic Division. In Journal of Agricultural Research, Vol. 29, No. 10, November 15, 1924. Pp. 471 to 482, figs. 2. Key No. A-79.

The Differentiation of Primary Isolations of *Bacterium melitensis* from Primary Isolations of *Bacterium abortus* (Bovine) by Their Cultural and Atmospheric Requirements. By John M. Buck, Pathological Division. In Journal of Agricultural Research, Vol. 29, No. 12, December 15, 1924. Pp. 585 to 591. Key No. A-86.

Amendment 9 to B. A. I. Order 283. Declaring names of counties placed in modified accredited areas for tuberculosis. Dated March 3, 1925. Places the following counties in the modified accredited area for three years: Spencer, Vanderburgh, and Warrick, Ind., and Rockingham County, N. C. P. 1 (mimeographed).

Amendment 10 to B. A. I. Order 283. Declaring names of counties placed in modified accredited areas for tuberculosis. Dated March 19, 1925. Places the following counties in the modified accredited area for three years: Moore and Polk, N. C., and Barnes and Benson, N. Dak. P. 1 (mimeographed).

B. A. I. Order 292. Regulations governing the interstate movement of livestock. Dated February 25, 1925. Effective May 1, 1925. Pp. 34. Supercedes B. A. I. Order 273.

## ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

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*Biochemic Division:* M. DORSET, chief.

*Field Inspection Division:* A. W. MILLER, chief.

*Division of Hog-Cholera Control:* U. G. HOUCK, chief.

*Meat Inspection Division:* R. P. STEDDOM, chief.

*Pathological Division:* JOHN S. BUCKLEY, chief.

*Tick Eradication Division:* R. A. RAMSAY, chief.

*Tuberculosis Eradication Division:* J. A. KIERNAN, chief.

*Division of Virus-Serum Control:* D. I. SKIDMORE, chief.

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